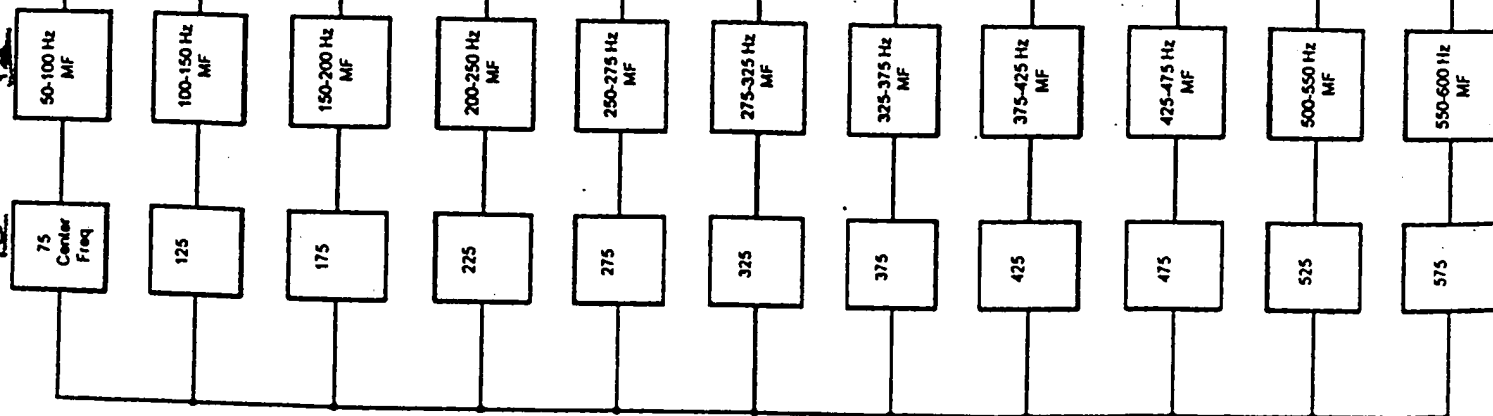




50 Hz BAND PASS FILTERS  
12



SINGLE  
BEAM  
INPUT.

SELECTS  
3 STRONGEST  
NON-ZERO  
TARGET  
VELOCITY  
OUTPUTS

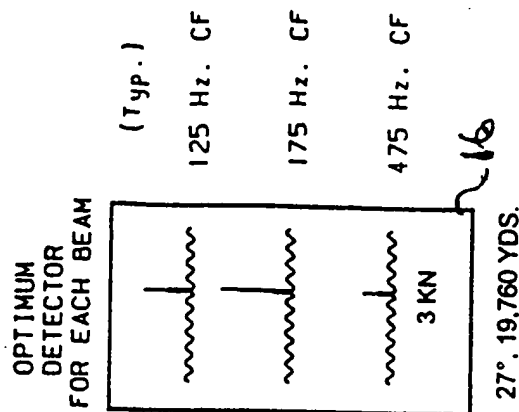


Figure 1

MULTIBAND MATCHED-FILTER PROCESSOR  
50 Hz - 600 Hz  
IN 50 Hz BANDS

FOR EACH BEAM, PROVIDES SEARCHOVER  
50-600 Hz TO SEEK THE 50 Hz BAND(S)  
YIELDING SIMULTANEOUSLY THE BEST  
JOINT COMBINATION OF TARGET AND  
PROPAGATION RESPONSE